



Datasheet for ABIN7157962  
**anti-LRAT antibody (AA 24-182)**



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1 Image

Overview

Quantity:	100 µL
Target:	LRAT
Binding Specificity:	AA 24-182
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Lecithin retinol acyltransferase protein (24-182AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	LRAT
Alternative Name:	LRAT ( <a href="#">LRAT Products</a> )
Background:	Background: Transfers the acyl group from the sn-1 position of phosphatidylcholine to all-trans retinol, producing all-trans retinyl esters. Retinyl esters are storage forms of vitamin A. LRAT plays a critical role in vision. It provides the all-trans retinyl ester substrates for the isomerohydrolase which processes the esters into 11-cis-retinol in the retinal pigment

## Target Details

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epithelium, due to a membrane-associated alcohol dehydrogenase, 11 cis-retinol is oxidized and converted into 11-cis-retinaldehyde which is the chromophore for rhodopsin and the cone photopigments.

Aliases: LCA14 antibody, Lecithin retinol acyltransferase (phosphatidylcholine retinol O acyltransferase) antibody, Lecithin retinol acyltransferase antibody, LRAT antibody, LRAT\_HUMAN antibody, Phosphatidylcholine retinol O acyltransferase antibody, Phosphatidylcholine--retinol O-acyltransferase antibody

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UniProt: [095237](#)

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## Application Details

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Application Notes: Recommended dilution: WB:1:1000-1:5000,

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

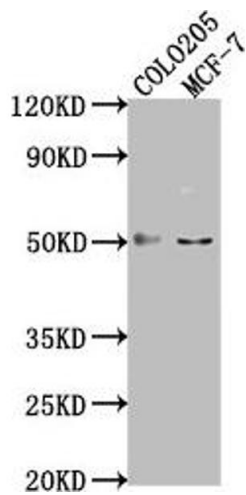
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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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### Western Blotting

**Image 1.** Western Blot Positive WB detected in: COLO205 whole cell lysate, MCF-7 whole cell lysate All lanes: LRAT antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 26 kDa Observed band size: 50 kDa